



Preliminary Information

PIP4783B Possible Engine Run-On, Rough Running, And/Or SES Light With A DTC P0172

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Buick	Lacrosse	2010 - 2012	All	All	2.4L LAF, LEA	All
Buick	Regal	2011	All	All	2.4L LAF	All
Buick	Verano	2012 - 2017	All	All	2.4L LEA	All
Chevrolet	Captiva	2012 - 2016	All	All	2.4L LAF, LEA	All
Chevrolet	Equinox	2010 - 2017	All	All	2.4L LAF, LEA	All
GMC	Terrain	2010 - 2017	All	All	2.4L LAF, LEA	All

Supersession Statement

This PI was superseded to update models and model years. Please discard PIP4783A.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition / Concern

Some customers may comment of an SES light on. They may also experience a rough running condition and/or an engine run on condition.

Technicians will likely find a DTC P0172 set.

In most cases, the crankcase will have obvious fuel contamination.

This may be a result of the high pressure fuel pump leaking fuel into the crankcase when the plunger is depressed.

Recommendations / Instructions

If this concern is encountered, perform SI diagnosis and repair as necessary.

If SI diagnosis does not isolate the cause of this concern, check the low side fuel pressure leakdown with a mechanical gauge as outlined in SI Fuel System Diagnosis.

If fuel pressure leakdown is present with the J37287 Fuel Line Shut-off Adapter installed and closed, follow the SI Fuel Pump Replacement Procedure to replace the high pressure fuel pump.

Also change the engine oil and filter to complete the repairs.

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.



GENERAL MOTORS